# PURCHASE OF FIVE ALTERNATIVE FUEL TRANSIT VEHICLES

TCRP PROJECT # 151
District 07-21690

PPNo:2818 LA-Northwest Pasadena

# City Of Pasadena

# I. Purpose and Need:

Purchase five 30-foot long alternative fuel powered buses to enable the expansion of Pasadena's Area Rapid Transit System (ARTS). The buses are needed to provide additional services to heavily used routes and to add service to under served areas. Scope of Transportation Improvements: Purchase five buses at approximately \$220,000 each.

#### II. Benefits

#### Transportation benefits:

The City of Pasadena's ARTS local circulator transit system is a major component of the City's mobility plan. In fiscal year 1999, ARTS had approximately 1.5 million passenger boardings. The system's Uptown route, which provides service to Northwest and East Pasadena, is at maximum capacity with approximately 80 passengers per service hour. Northwest Pasadena is an area targeted for revitalization.

## Other benefits:

The service is provided at no charge to riders. These buses will conform to recent requirements of the South Coast Air Quality Management District (AQMD) to reduce emissions from transit vehicles.

#### III. Cost

Total cost of the project is \$ 1.97 million. The detailed funding breakdown is as follows:

Fund Source	Programmed Amount (capital plus support)	Additional Funding Needs (if any)	Milestones to be met with funds (PA&ED, R/W Cert, RTL, CCA)
TCRP	1,100,000 million		Procurement
ITIP			
Grandfathered STIP			
SHOPP			
Measure			
RSTP			
Local	2,000		Procurement
CMAQ			
GTIP			
Pasadena Bus Company	800,000		Procurement
Pasadena Bus Company	65,000		Procurement
Project (mitigation)			
Total	\$1,967,00		

# IV: Project Issues

Needs Assessment to determine what sort of alternative fuel vehicles are best suited for the operating requirements. This study will be finished by December 2000. Job is expected to go out to bid by Spring 2001.

## PROJECT SCHEDULE

Total Estimated Cost of Project: \$ 1.97 million

